

## CLAIM SUMMARY DOCUMENT

1. (Currently Amended) A lube base oil comprising:
  - a) at least one synthetic lube base oil having an iso-paraffin content greater than 50 % and an Oxidator A value in the absence of additives of less than about 1; and
  - b) at least one percent of a non-synthetic lube base oil selected from the groups consisting of Group I lube base oils, Group II lube base oils with a sulfur content greater than about 50 ppm, petroleum-derived Group V lube base oils, or mixtures thereof wherein the non-synthetic lube base oil has an Oxidator BN value in the presence of additives of less than about 7; wherein the lube base oil has a greater stability an Oxidator A value in the absence of additives than the stability of the synthetic lube base oil of greater than about 1 and has a greater stability an Oxidator BN value in the presence of additives than the non-synthetic lube base oil of greater than about 7.
2. (Original) A lube base oil according to claim 1 wherein the synthetic lube base oil is prepared by the Fischer Tropsch process.
3. (Original) A lube base oil according to claim 1 wherein the synthetic lube base oil is present in an amount of about 20 to about 80 % by volume.
4. (Currently amended) A lube base oil comprising:
  - a) at least one synthetic lube base oil having a sulfur content less than about 50 ppm and an Oxidator A value in the absence of additives of less than about 1; and
  - b) at least one percent of a non-synthetic lube base oil having a sulfur content greater than about 300 ppm and selected from the groups consisting of Group I lube base oils, petroleum-derived Group V lube base oils, or mixtures thereof wherein the non-synthetic lube base oil has an Oxidator BN value in the presence of additives of less than about 7; wherein the lube base oil has a greater stability an Oxidator A value in the absence of additives than the stability of the synthetic lube base oil of greater than about 1 and has a

~~greater stability an Oxidator BN value in the presence of additives than the non-synthetic lube base oil of greater than about 7.~~

5. (Original) A lube base oil according to claim 4 wherein the synthetic lube base oil is prepared by the Fischer Tropsch process.
6. (Original) A lube base oil according to claim 4 wherein the non-synthetic lube base oil has a sulfur content greater than about 700 ppm.
7. (Original) A lube base oil according to claim 4 wherein the synthetic lube base oil has an Oxidator BN value in the presence of additives greater than 7.
8. (Original) A lube base oil according to claim 7 wherein the synthetic lube base oil has an Oxidator BN value in the presence of additives greater than 10.
9. (Original) A lube base oil according to claim 4 wherein the non-synthetic lube base oil has an Oxidator A value in the absence of additives greater than about 5.
10. (Currently amended) A lube base oil comprising:
  - a) at least one synthetic lube base oil having an Oxidator A value of less than about 1 in the absence of additives and an Oxidator BN value greater than about 7 in the presence of additives; and
  - b) a non-synthetic lube base oil having an Oxidator A value greater than about 5 in the absence of additives and an Oxidator BN value less than about 10 in the presence of additives;wherein the lube base oil has ~~a greater stability an Oxidator A value in the absence of additives than the stability of the synthetic lube base oil of greater than about 5 and has a greater stability an Oxidator BN value in the presence of additives than the non-synthetic lube base oil of greater than about 10.~~
11. (Original) A lube base oil according to claim 1 wherein the oil has an oven storage stability of greater than 90 days when measured at 150°F.
12. (Original) A lube base oil according to claim 1 wherein the synthetic oil is used in an amount of about 50 % to about 99% and the non-synthetic oil is used in amount of about 50 % to about 1%.
13. (Newly added) A lube base oil according to claim 1, wherein the lube base oil has an Oxidator A value in the absence of additives of greater than about 5 and an Oxidator BN value in the presence of additives of greater than about 10.

14. (Newly added) A lube base oil according to claim 13, wherein the lube base oil has an Oxidator A value in the absence of additives of greater than about 10.